

§ 393.60

requirements of Federal Motor Vehicle Safety Standard No. 105 (49 CFR 571.105, S5.1) applicable to the vehicle at the time it was manufactured.

(b) *Automatic brake adjusters (air brake systems)*. Each commercial motor vehicle manufactured on or after October 20, 1994, and equipped with an air brake system shall meet the automatic brake adjustment system requirements of Federal Motor Vehicle Safety Standard No. 121 (49 CFR 571.121, S5.1.8) applicable to the vehicle at the time it was manufactured.

(c) *Brake adjustment indicator (air brake systems)*. On each commercial motor vehicle manufactured on or after October 20, 1994, and equipped with an air brake system which contains an external automatic adjustment mechanism and an exposed pushrod, the condition of service brake under-adjustment shall be displayed by a brake adjustment indicator conforming to the requirements of Federal Motor Vehicle Safety Standard No. 121 (49 CFR 571.121, S5.1.8) applicable to the vehicle at the time it was manufactured.

[60 FR 46245, Sept. 6, 1995]

Subpart D—Glazing and Window Construction

§ 393.60 Glazing in specified openings.

(a) *Kind of glass*. (1) Glazing utilized or installed in the windshield, window, door, or any other opening into a bus, truck, or truck tractor, except vehicles engaged in armored car service, shall conform to the requirements contained in the "American Standard Safety Code for Safety Glazing Materials for Motor Vehicles Operating on Land Highways," with the effective dates shown in paragraph (a)(2) of this section.

(2) Table of Glazing Requirements and Effective Dates:

Vehicles manufactured	Must comply with		
	Z 26.1–1950	Z 26.1–1950 as supplemented by Z 26.1a–1964	Z 26.1–1966 as supplemented by Z 26.1a–1969
Before January 1, 1966	x		

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Vehicles manufactured	Must comply with		
	Z 26.1–1950	Z 26.1–1950 as supplemented by Z 26.1a–1964	Z 26.1–1966 as supplemented by Z 26.1a–1969
From January 1, 1966 to December 31, 1980		x	
On and after January 1, 1981			x

(b) *Windshield condition*. Every motor vehicle windshield shall be free of discoloration or other damage in that portion thereof extending upward from the height of the topmost portion of the steering wheel, but not including a 2 inch border at the top and a 1 inch border at each side of the windshield or each panel thereof, except that discoloration and damage as follows are allowable:

(1) Coloring or tinting applied in manufacture, for reduction of glare;

(2) Any crack not over ¼-inch wide, if not intersected by any other crack;

(3) Any damaged area which can be covered by a disc ¾-inch in diameter, if not closer than 3 inches to any other such damaged area.

(c) *Use of vision-reducing matter*. No motor vehicle may be operated with any label, sticker, decalcomania, or other vision-reducing matter covering any portion of its windshield or windows at either side of the driver's compartment, except that stickers required by law may be affixed at the bottom of the windshield, provided no portion of any label, sticker, decalcomania, or other vision-reducing matter may extend upward more than 4½ inches from the bottom of such windshield.

[33 FR 19735, Dec. 25, 1968, as amended at 41 FR 53031, Dec. 3, 1976; 44 FR 25457, May 1, 1979; 44 FR 31982, June 4, 1979]

§ 393.61 Window construction.

(a) *Windows in trucks and truck tractors*. Every truck and truck tractor, except vehicles engaged in armored car service, shall have, in addition to the area provided by the windshield, at least one window on each side of the driver's compartment, which window shall have sufficient area to contain either an ellipse having a major axis of 18 inches and a minor axis of 13 inches or an opening containing 200 square